ISIS - Question #1235

Long processing time for cam2map on LRO NAC image

2012-10-23 01:32 PM - Tammy Becker

Status:	Closed
Priority:	Normal
Assignee:	John Shinaman
Category:	Applications
Software Version:	

Description

External Post:
https://isis.astrogeology.usgs.gov/IsisSupport/index.php/topic,3580.0.html

Details:
I am working on my first LRO NAC mosaic, and I am running cam2map in order to create projected map files for each image to be included in the final mosaic. cam2map seems to be taking an extraordinarily long time to process. I have selected the Minimize button in the Output Map Ground Range of cam2map. The Longitude Seam Options are set to Automatically Correct.

Q1: Any suggestions on parameter settings that would decrease cam2map processing time would be appreciated.

Q2) I am guessing that if, when using maptemplate to create the base map parameters, I might:

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1) Use the center of the target, e.g. longitude 0, or
2) Use the center of the projected map that I am creating?
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And that using the center of the projected map might reduce the processing time under cam2map. Again, any suggestions on parameter settings that would decrease cam2map processing time would be appreciated. I suspect that I have chosen some parameter in cam2map incorrectly, and that erroneous choice has increased the processing time.

Regards, Kurt

P.S. - The computed lunar boundaries of the map are:

MinimumLatitude = -33.511401515679
MaximumLatitude = -32.563217898505
MinimumLongitude = 355.50687776828
MaximumLongitude = 355.60289525061

History

#1 - 2012-10-23 01:35 PM - Tammy Becker

Jac,

Please network with Jeff on whether or not optimum settings have been evaluated and established for LRO-NAC images (recall the tests that were performed for Radar with balancing processing time and accuracy).

I estimate this task to take less then 5 hours.

Thank you.

#2 - 2012-12-28 05:40 PM - John Shinaman

This problem has been RESOLVED. The external user reported user error that explained why he was experiencing a problem. Please refer to

https://isis.astrogeology.usgs.gov/IsisSupport/index.php/topic,3580.0.html for that explanation.